



CARLO GAVAZZI SPACE SpA

## AMS02-PDS

DOC N°: PDS-RP-CGS-002

ISSUE : 1      DATE: 02/04/2008

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### INSPECTION REPORT

APPLICABLE DOC. REF.

AMS02-PDS PFM Manufacturing and Inspection Plan PDS-PL-CGS-001  
is. 1

PROC. REF.

N.A.

ITEM INSPECTED (Name, P/N, S/N) AMS02-PDS PFM – BOARDS — Inspection Point.

REQUIREMENT SATISFIED

Manufacturing according to aerospace standards

INSPECTION (Action/Results)

#### DESCRIPTION

Inspection was performed at Carlo Gavazzi Space premises starting on 2 April 2008 and was carried out on the following boards, detail of the inspected boards were below reported:

- 1) AUX DC/DC BOARD ASSY p/n: 11-AMS02PDS-740.00 s/n: 07/014/E.
- 2) AUX DC/DC BOARD ASSY p/n: 11-AMS02PDS-740.00 s/n: 07/014/D.
- 3) AUX DC/DC BOARD ASSY p/n: 11-AMS02PDS-740.00 s/n: 07/014/B.
- 4) AUX DC/DC BOARD ASSY p/n: 11-AMS02PDS-740.00 s/n: 07/014/F.
- 5) AUX DC/DC BOARD ASSY p/n: 11-AMS02PDS-740.00 s/n: 07/014/C.

Operator

Quality Assurance

C.C.

Signature


E. FRANCONI

C. CINQUEPACI

Date


02/04/08

21/4/8

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|  <p>CARLO GAVAZZI</p> <p>CARLO GAVAZZI SPACE SpA</p> | <p><b>AMS02-PDS</b></p> | <p>DOC N°: PDS-RP-CGS-002</p> <p>ISSUE : 1      DATE: 02/04/2008</p> <p>PAGE : 2 of 4</p> |
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| ITEM INSPECTED (Name, P/N, S/N)<br>See page 1   |   |
| REQUIREMENT SATISFIED<br>See page 1   |   |
| <p>INSPECTION (Action/Results)</p> <p><b><u>HARDWARE REVIEW</u></b></p> <p>1) AUX DC/DC BOARD ASSY p/n: 11-AMS02PDS-740.00 s/n: 07/014/E, Assy:11-AMS02PDS-740.00 rev./, Parts List:11-AMS02PDS-740.01 rev./, Electrical Scheme:11-AMS02PDS-740.03 rev./, Master PCB:SPO-PD-020010-DR-03-CGS rev./.</p> <p>The following PLVSs (Parts List Variation Sheet) were presented during the inspection:</p> <ul style="list-style-type: none"> <li>• 11-AMS02PDS-740.01 rev / - A1 can be considered closed.</li> <li>• 11-AMS02PDS-740.01 rev / - A2 can be considered closed.</li> <li>• 11-AMS02PDS-740.01 rev / - A3 can be considered closed.</li> <li>• 11-AMS02PDS-740.01 rev / - A4 can be considered closed.</li> <li>• 11-AMS02PDS-740.01 rev / - A5 can be considered closed.</li> </ul> <p>The H/W has been visually inspected and is ok:no damage, visible clean is ok.</p> <p>2) AUX DC/DC BOARD ASSY p/n: 11-AMS02PDS-740.00 s/n: 07/014/D, Assy:11-AMS02PDS-740.00 rev./, Parts List:11-AMS02PDS-740.01 rev./, Electrical Scheme:11-AMS02PDS-740.03 rev./, Master PCB:SPO-PD-020010-DR-03-CGS rev./.</p> <p>The following PLVSs (Parts List Variation Sheet) were presented during the inspection:</p> <ul style="list-style-type: none"> <li>• 11-AMS02PDS-740.01 rev / - A1 can be considered closed.</li> <li>• 11-AMS02PDS-740.01 rev / - A2 can be considered closed.</li> <li>• 11-AMS02PDS-740.01 rev / - A3 can be considered closed.</li> <li>• 11-AMS02PDS-740.01 rev / - A4 can be considered closed.</li> <li>• 11-AMS02PDS-740.01 rev / - A5 can be considered closed.</li> </ul> <p>The H/W has been visually inspected and is ok:no damage, visible clean is ok.</p> |   |
| Operator  | Quality Assurance   |
| Signature   | <div style="display: flex; justify-content: space-between;"> <div> <p>E. FRANCINI</p> <p>02/04/08</p> </div> <div> <p>C.C.</p> <p>C. CINQUEPAOLI</p> <p>2/4/8</p> </div> </div> |

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| <p>ITEM INSPECTED (Name, P/N, S/N)</p> <p>See page 1</p>  |                                      |                                     |
| <p>REQUIREMENT SATISFIED</p> <p>See page 1</p>  |                                      |                                     |
| <p>INSPECTION (Action/Results)</p> <p>3) AUX DC/DC BOARD ASSY p/n: 11-AMS02PDS-740.00 s/n: 07/014/B, Assy:11-AMS02PDS-740.00 rev./, Parts List:11-AMS02PDS-740.01 rev./, Electrical Scheme:11-AMS02PDS-740.03 rev./, Master PCB:SPO-PD-020010-DR-03-CGS rev./.</p> <p>The following PLVSS (Parts List Variation Sheet) were presented during the inspection:</p> <ul style="list-style-type: none"> <li>• 11-AMS02PDS-740.01 rev / - A1 can be considered closed.</li> <li>• 11-AMS02PDS-740.01 rev / - A2 can be considered closed.</li> <li>• 11-AMS02PDS-740.01 rev / - A3 can be considered closed.</li> <li>• 11-AMS02PDS-740.01 rev / - A4 can be considered closed.</li> <li>• 11-AMS02PDS-740.01 rev / - A5 can be considered closed.</li> </ul> <p>The H/W has been visually inspected and is ok:no damage, visible clean is ok.</p> <p>4) AUX DC/DC BOARD ASSY p/n: 11-AMS02PDS-740.00 s/n: 07/014/F, Assy:11-AMS02PDS-740.00 rev./, Parts List:11-AMS02PDS-740.02 rev./, Electrical Scheme:11-AMS02PDS-740.03 rev./, Master PCB:SPO-PD-020010-DR-03-CGS rev./.</p> <p>The following PLVSS (Parts List Variation Sheet) were presented during the inspection:</p> <ul style="list-style-type: none"> <li>• 11-AMS02PDS-740.02 rev / - A2 can be considered closed.</li> <li>• 11-AMS02PDS-740.02 rev / - A8 can be considered closed.</li> <li>• 11-AMS02PDS-740.02 rev / - A13 can be considered closed.</li> <li>• 11-AMS02PDS-740.02 rev / - A14 can be considered closed.</li> </ul> <p>The H/W has been visually inspected and is ok:no damage, visible clean is ok.</p> |                                      |                                     |
| Operator  | Quality Assurance                    | C.C.                                |
| Signature   | <p>E. FRANCINICO</p> <p>02/04/08</p> | <p>O. CINQUEPACCHI</p> <p>2/4/8</p> |

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| <p>INSPECTION (Action/Results)</p> <p>5) AUX DC/DC BOARD ASSY p/n: 11-AMS02PDS-740.00 s/n: 07/014/C, Assy:11-AMS02PDS-740.00 rev./, Parts List:11-AMS02PDS-740.02 rev./, Electrical Scheme:11-AMS02PDS-740.03 rev./, Master PCB:SPO-PD-020010-DR-03-CGS rev./.</p> <p>The following PLVSS (Parts List Variation Sheet) were presented during the inspection:</p> <ul style="list-style-type: none"> <li>• 11-AMS02PDS-740.02 rev / - A2 can be considered closed.</li> <li>• 11-AMS02PDS-740.02 rev / - A9 can be considered closed.</li> <li>• 11-AMS02PDS-740.02 rev / - A13 can be considered closed.</li> <li>• 11-AMS02PDS-740.02 rev / - A14 can be considered closed.</li> </ul> <p>The H/W has been visually inspected and is ok:no damage, visible clean is ok.</p> <p><b>CONCLUSION</b></p> <p>All solder joints are of adequate quality, the soldering process complies to ECSS-Q-70-08 and ECSS-Q-70-38, all modifications are performed according to ECSS-Q-70-28.</p> |  |
| Operator  | Quality Assurance      C.C.                      |
| Signature   | <p>E. FRANCINI</p> <p>02/04/08</p> <p>C.G.S.</p> |
| Date  | <p>C. CINQUEPALMI</p> <p>02/04/08</p>            |